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AGA American Gas Association

Monthly Gas Utility Statistical Report

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November 1987

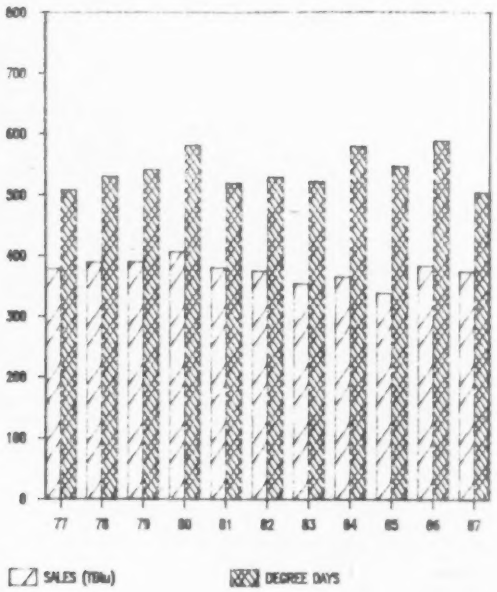
Electric generation sales increased while residential, commercial and industrial sales decreased in November, 1987 compared with last year. Total utility sales were down from 923.9 trillion Btu in November, 1986 to 923.1 trillion Btu in November, 1987. Transportation volumes to end-users were up 53.1 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

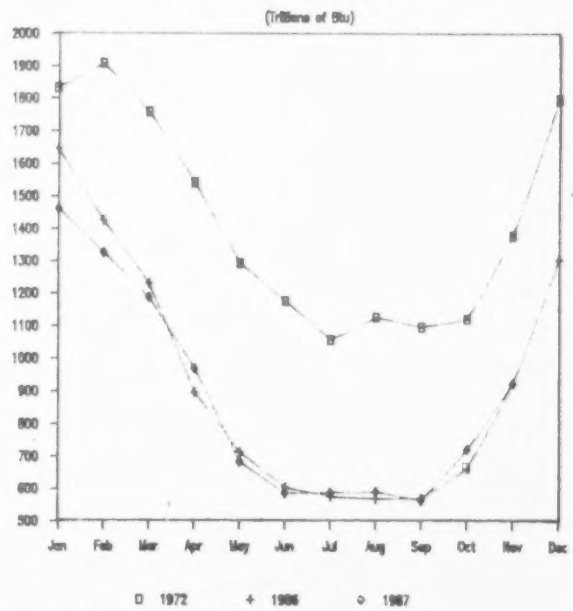
	November			Year-to-Date		January 1 to December 31		
	1987	1986	%Change[1]	1987	(% Change) Last Period	1987 Forecast[2]	1986	% Change
Residential	374.9	384.1	- 2.4	3,765.3	+ 0.5	4,411.2	4,380.1	+ 0.7
Commercial	185.1	198.6	- 6.8	1,886.5	- 2.6	2,196.0	2,238.4	- 1.9
Industrial*	203.8	223.6	- 8.8	2,036.8	- 23.1	2,280.6	2,892.0	- 21.1
Elec. Gen.	144.9	104.0	+ 39.3	1,753.7	+ 30.4	1,857.9	1,448.7	+ 28.2
Other	14.4	13.6	-	156.9	-	175.7	167.2	-
Total Sales	923.1	923.9	+ 0.1	9,599.2	- 2.3	10,921.4	11,126.4	- 1.8
Transportation*	284.3	185.7	+ 53.1	3,023.3	+ 65.5			
Total Volumes	1,207.4	1,109.6	+ 8.8	12,622.5	+ 8.4			

*Significant industrial sales volumes have been displaced by transportation volumes in 1987.

NOVEMBER RESIDENTIAL GAS UTILITY SALES



TOTAL MONTHLY GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - NOVEMBER

(Thousands of Units)

		1987	1986	% Change '86 vs.'87
Domestic Ranges	- Gas	187.9	173.0	+ 8.6
	- Electric	284.8	277.9	+ 2.5
Clothes Dryers	- Gas	89.0	81.6	+ 9.1
	- Electric	302.1	286.0	+ 5.6
Water Heaters	- Gas	310.4	293.9	+ 5.6
	- Electric	257.8	253.9	+ 1.5
Warm Air Furnaces	- Gas	193.7	202.1	- 4.2
	- Electric	23.8	27.5	- 13.4
	- Oil	24.3	20.8	+ 16.5
Boilers	- Gas	22.5	22.8	- 1.1
	- Electric	0.1	0.1	+ 23.1
	- Oil	13.8	13.8	+ 0.1

Source: Gas Appliance Manufacturers Association (GAMA).

SPOT PRICES TO GAS DISTRIBUTION COMPANIES

(November 1987)

Receipt Point	Price ($/MMBtu)[a]
Northeast	$2.00
Southeast	$2.22
Midwest	$1.89
Southwest	$1.62
Total	$1.84

Source: American Gas Association

[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - NOVEMBER

	1987	1986	% Change '86 vs '87
Total Actual Private Housing Starts (Thous. of units)	116.6	115.6	+ 0.9
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	509.1	523.7	- 2.8
Electricity	360.6	354.1	+ 1.8
Fuel Oil	521.8	434.2	+ 20.2

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	67.0	67.0	-
Gas Utility Prices ($/MMBtu)			
Residential	5.27	5.50	- 4.2
Commercial	4.69	4.77	- 1.7
Industrial	3.37	3.52	- 4.2
Electric Generation	2.53	2.61	- 3.2
Total	4.28	4.51	- 5.3
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	284.3	185.7	+ 53.1
For Ultimate Consumers	99.7	56.1	+ 77.7
For Resale	578.5	432.1	+ 33.9
Total	962.5	673.9	+ 42.8

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1978	Dec.	2.184	2.534	2.279	1.940	1.721	1.788
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Nov.	4.657	5.706	5.106	3.713	2.823	4.115
	Dec.	4.601	5.651	5.034	3.649	2.726	4.024
1987[P]	Jan.	4.545	5.600	4.967	3.577	2.647	3.987
	Feb.	4.506	5.547	4.910	3.525	2.644	3.905
	Mar.	4.466	5.502	4.856	3.492	2.628	3.862
	Apr.	4.426	5.461	4.819	3.460	2.614	3.790
	May	4.401	5.446	4.802	3.435	2.578	3.754
	Jun.	4.388	5.444	4.799	3.413	2.551	3.758
	Jul.	4.375	5.440	4.792	3.392	2.550	3.693
	Aug.	4.363	5.436	4.788	3.377	2.548	3.668
	Sep.	4.354	5.434	4.784	3.365	2.543	3.657
	Oct.	4.338	5.414	4.758	3.352	2.540	3.616
	Nov.	4.318	5.394	4.751	3.337	2.535	3.589

AVERAGE MONTHLY GAS UTILITY PRICES

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1985	Nov.	4.95	6.03	5.34	4.02	4.18	3.71
	Dec.	4.97	5.54	5.24	4.02	4.14	3.71
1986	Jan.	4.95	5.44	5.20	3.93	4.06	3.48
	Feb.	4.95	5.50	5.19	3.84	4.06	2.94
	Mar.	4.81	5.49	5.15	3.59	3.84	2.76
	Apr.	4.68	5.76	5.21	3.38	3.70	2.61
	May	4.49	6.04	5.18	3.24	3.51	2.73
	Jun.	4.29	6.49	5.11	3.10	3.47	2.58
	Jul.	4.11	6.56	4.95	3.01	3.36	2.61
	Aug.	4.12	6.80	4.90	3.01	3.30	2.65
	Sep.	4.11	6.47	4.81	3.02	3.32	2.68
	Oct.	4.40	6.23	4.94	3.09	3.38	2.59
	Nov.	4.51	5.50	4.77	3.23	3.52	2.61
	Dec.	4.55	5.15	4.72	3.34	3.59	2.75
1987[P]	Jan.	4.57	5.14	4.78	3.13	3.44	2.34
	Feb.	4.66	5.17	4.80	3.42	3.64	2.87
	Mar.	4.45	5.14	4.70	3.12	3.55	2.55
	Apr.	4.22	5.27	4.75	2.91	3.35	2.51
	May	4.09	5.76	4.89	2.74	3.15	2.34
	Jun.	4.04	6.48	5.06	2.70	3.13	2.34
	Jul.	3.87	6.42	4.75	2.79	3.06	2.58
	Aug.	3.92	6.66	4.81	2.84	3.09	2.62
	Sep.	3.94	6.44	4.72	2.83	3.12	2.61
	Oct.	4.15	5.74	4.50	2.93	3.22	2.53
	Nov.	4.28	5.27	4.69	3.02	3.37	2.53

Editor - Susan Brown (703/841-8503)

[1]Gas volumes are based on, and the percent change is a function of, the 69 sample companies whose sales constitute about 65% of total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.

[2]1987 forecasts for the residential and commercial sectors are based on available 1987 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (both industrial only and electric generation) is also based on available 1987 monthly data with the remaining months of 1987 heavily weighted by last years sales with no adjustment made for degree days.

[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.

P-Preliminary.